SHOCK TEST

Optical and electrical performance monitoring

DESCRIPTION

AdvEOTec features a vertical hydraulic shock tester, used to perform shock tests to validate the physical integrity of components or subsystems subjected to very high acceleration levels.

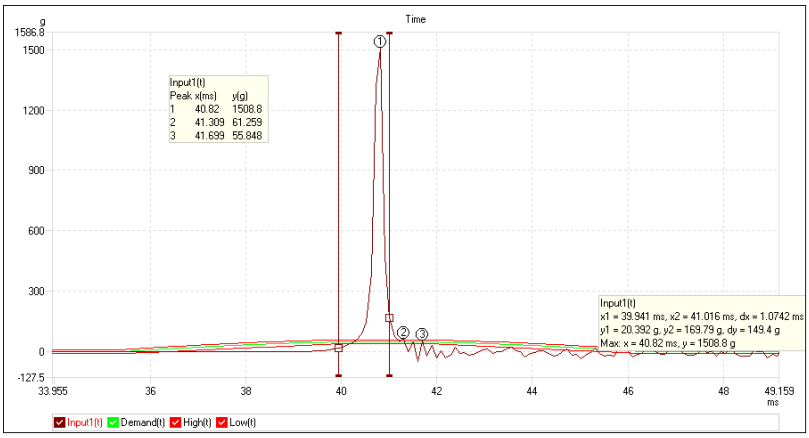
This installation enables you to carry out mechanical tests while monitoring optical and electrical performance: ***insertion losses, optical micro cuts, electrical micro cuts, BERT, etc.***

The laboratory carries out its tests in an Electrostatic Discharge Protected Area (EDPA).

AdvEOTec can design the mechanical supports for your components.

Shock testing is part of the range of services available at **AdvEOTec**.

Impact testing on optoelectronic components



Example of a shock

Types of components :

- Electrical connectors
- Optical connectors
- Laser diodes, imagers, photodetectors
- Others…

Standard applications :

- IEC 6006
- IEC 68-2-34 to 68-2-37
- MIL-STD-750
- MIL-STD-810
- MIL-STD-883
- Telcordia GR_468
- NF EN 2591-6402
- NF EN 60068-2-6
- NF EN 60068-2-64
- Others…

Specifications :

Shock tester :	
Acceleration :	20 - 2000 g
Pulse duration :	18,0 - 0,5 ms
Δv max (no load) :	7,5 m/s
Δv max (full load) :	7,5 m/s

Some tests also available :

- Fiber pull test
- VLT : Slow temperature cycling
- SHT : High-temperature storage
- VRT : Rapid temperature change

**Other test configurations, please contact us...*

**Our products, visit our website…*

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